

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested. Claims 1-18 are presently active in this case, the specification and Claims 1, 7, 12, 13 and 17 are amended, and Claim 18 added by way of the present amendment.

First, Applicants wish to thank Examiner Rocchegiani for the April 5, 2004 telephone discussion at which time Applicants' representative informed the Examiner that a Supplemental Amendment will be filed in this case. Examiner Rocchegiani indicated that he would not act on this case until he received the Supplemental Amendment.

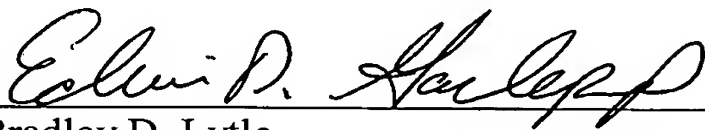
The present Amendment is supplemental to the Amendment filed March 22, 2004. The present Supplemental Amendment amends the specification to clarify the summary of the invention and amends Claim 7 to return this claim to its original format that existed prior to the March 22nd Amendment. Claim 12 is amended to clarify that the active regions are part or not part of a mesa stripe configuration. Claim 13 is amended to recite that the multilayer structure of the DFB laser is formed first on the common substrate, and Claim 18 has been added to claim a method wherein the multilayer structure of the EA modulator is formed first on the common substrate. Thus, original Claim 13, which was intended to cover a method wherein either the EA modulator or DFB laser could be formed first on the common substrate, has now been divided into two separate Claims 13 and 18. Finally, Claim 17 has been amended to clarify the language submitted in the March 22nd Amendment.

Despite the above-noted clarifying amendments, the arguments submitted in the March 22, 2004 amendment are fully applicable to the claim language resulting from the present Supplemental Amendment.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application and the present application is believed to be in condition for formal allowance. An early and favorable action is therefore respectfully requested.

Respectfully submitted,

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